

ABSTRACT OF THE DISCLOSURE

5 An electronic clutch assembly is for a lock system having a
latch and first and second rotatable spindles, one being
connected with the latch. A clutch is coupled with the first
spindle, has a connective portion engageable with the second
10 spindle, and is linearly displaceable along a first axis between
a first position, where the connective portion is nonengaged
with the second spindle and a second position where the
connective portion is engaged with the second spindle. A cam is
15 displaceable generally along a second axis extending generally
perpendicularly with respect to the first axis and is configured
to linearly displace the clutch between the two clutch
positions. An electric actuator is operatively connected with
the cam and configured to linearly displace the cam along the
second axis such that the clutch alternatively couples the
20 second spindle with the first spindle and uncouples the second
spindle from the first spindle.